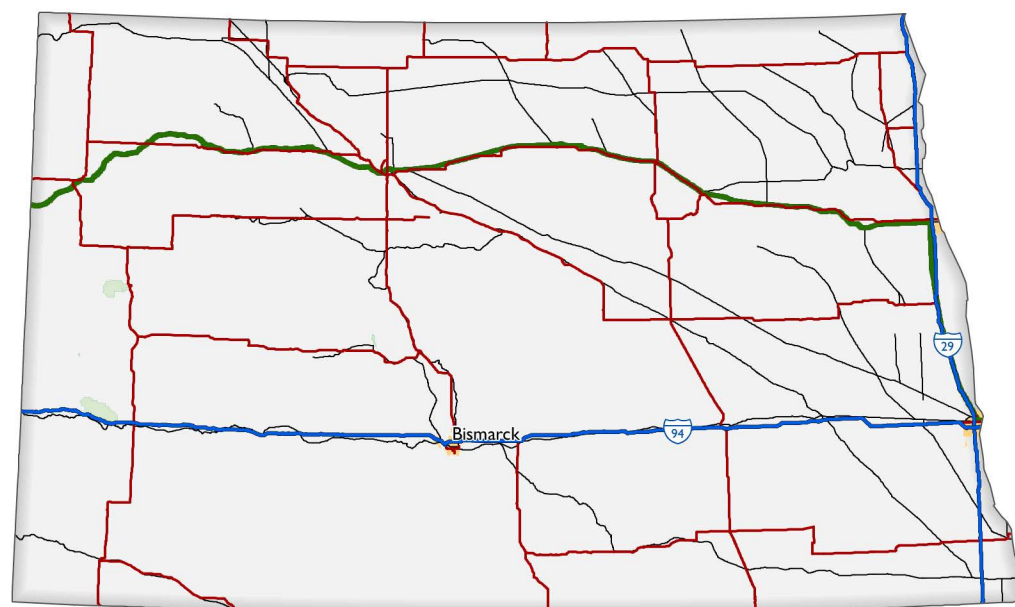


NORTH DAKOTA

TRANSPORTATION BY THE NUMBERS

TRANSPORTATION INFRASTRUCTURE



0 40 Miles

— Interstate — U.S., state, and county route — Amtrak rail network — Railroad network

BORDER PORTS OF ENTRY

18

Ambrose
Antler
Carbury
Dunseith
Fortuna
Hannah
Hansboro
Maida
Neché
Noonan
Northgate
Pembina
Portal
Sarles
Sherwood
St. John
Walhalla
Westhope

MILES OF PUBLIC ROAD

86,851

Roads with acceptable pavement ride quality based on International Roughness Index, 2012

North Dakota	96.4%
United States	81.3%

BRIDGES

4,453

Bridges classified as functionally obsolete, 2012

North Dakota	5.5%
United States	13.9%

Bridges classified as structurally deficient, 2012

North Dakota	16.8%
United States	11.0%

MILES OF FREIGHT RAILROAD

3,330

MAJOR AIRPORTS

8

Includes Federal Aviation Administration Part-139 public use airports.



POPULATION

701.3k ▲ 9.9%
2012 2002-2012

EMPLOYMENT

331.3k ▲ 30.4%
2012 2002-2012

LICENSED DRIVERS

502.8k ▲ 9.0%
2012 2002-2012

REGISTERED VEHICLES

810.4k ▲ 16.0%
2012 2002-2012

TRANSIT RIDERSHIP

2.4m ▲ 58.4%
2012 2002-2012

AIR CARRIER ENPLANEMENTS

1.1m ▲ 101.3%
2013 2003-2013

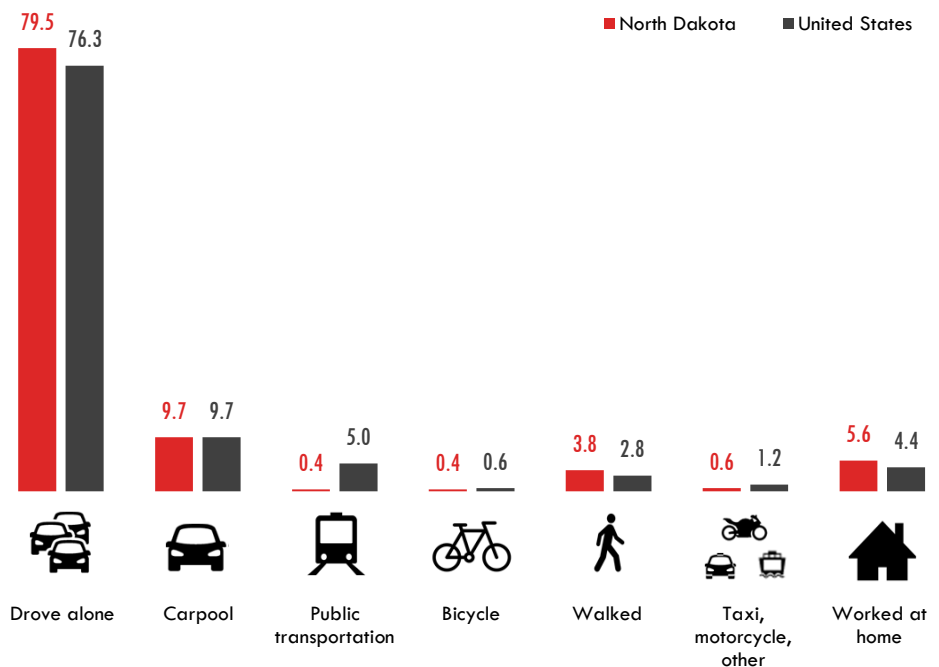
HIGHWAY TRAVEL

Billions of vehicle miles traveled, 2002-2012



HOW RESIDENTS GET TO WORK

Percentage of workers over age 16, 2012



AVERAGE DAILY PERSON MILES

Miles per person per day, 2009



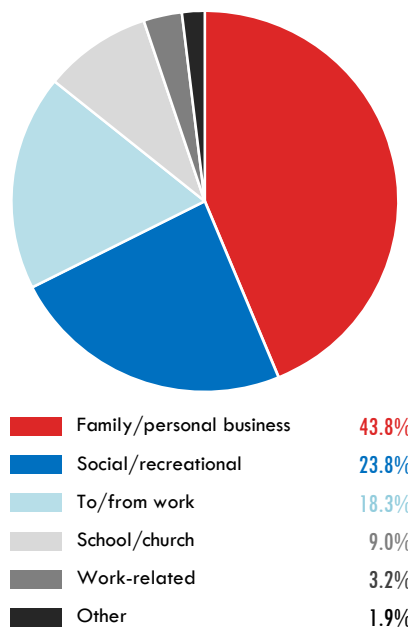
AVERAGE DAILY PERSON TRIPS

Trips per person per day, 2009



PASSENGER TRAVEL BY TRIP PURPOSE

Percentage of annual person trips, 2009



TRANSPORTATION INDUSTRY JOBS

18,238 ▲ 127.0%
2012 2002-2012

Truck transportation

12,120 ▲ 127.1%

Freight railroad

2,026 ▲ 27.6%

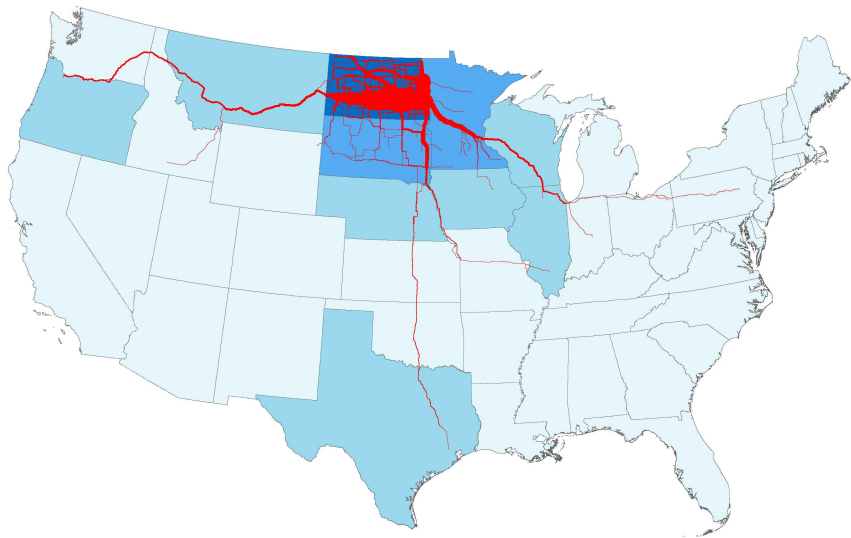
Transit and ground passenger transportation

2,021 ▲ 148.3%

Transportation support activities

1,554 ▲ 131.6%

MAJOR TRUCK FREIGHT FLOWS TO, FROM, AND WITHIN NORTH DAKOTA, 2010



State to state flows (million tons/year)

0	1	5	10+
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Volume scale (freight trucks/day)

1,250	2,500	5,000
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VALUE OF FREIGHT FLOW

\$113.5b ▲ 7.5%
Current dollars, 2012 2007-2012

TONS OF FREIGHT FLOW

233.4m ▲ 1.6%
2012 2007-2012

TON-MILES OF FREIGHT FLOW

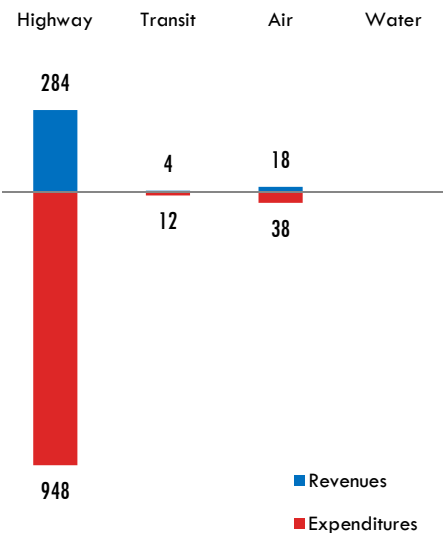
120.4b ▲ 4.7%
2012 2007-2012

STATE GROSS DOMESTIC PRODUCT

\$49.5b ▲ 83.6%
Current dollars, 2012 2002-2012

STATE AND LOCAL GOVERNMENT TRANSPORTATION REVENUES AND EXPENDITURES

Millions of current dollars, 2011



TOP COMMODITIES SHIPPED FROM NORTH DAKOTA

By **value** moved in billions of current dollars, 2012

Coal-n.e.c.	\$6.9
Machinery	\$5.3
Crude petroleum	\$4.9
Cereal grains	\$3.2
Other foodstuffs	\$2.6

By **weight** moved in millions of tons, 2012

Cereal grains	17.2
Coal-n.e.c.	15.1
Crude petroleum	9.3
Fertilizers	4.8
Other foodstuffs	4.2

TOP COMMODITIES SHIPPED TO NORTH DAKOTA

By **value** moved in billions of current dollars, 2012

Machinery	\$8.3
Motorized vehicles	\$5.1
Electronics	\$2.8
Base metals	\$2.2
Articles-base metal	\$2.1

By **weight** moved in millions of tons, 2012

Cereal grains	5.8
Coal	3.5
Nonmetal min. prods.	2.8
Base metals	2.2
Coal-n.e.c.	2.0

TOP COMMODITIES SHIPPED WITHIN NORTH DAKOTA

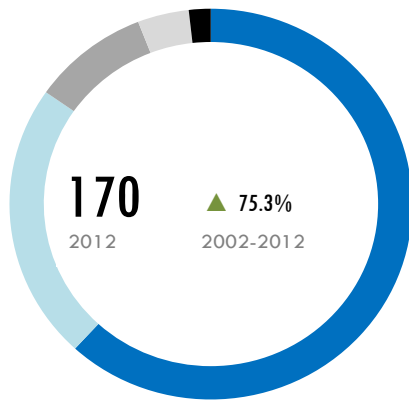
By **value** moved in billions of current dollars, 2012

Cereal grains	\$6.7
Coal-n.e.c.	\$4.4
Machinery	\$3.1
Other ag prods.	\$1.3
Fuel oils	\$1.2

By **weight** moved in millions of tons, 2012

Cereal grains	49.7
Coal	35.9
Gravel	10.1
Coal-n.e.c.	8.2
Other ag prods.	3.4

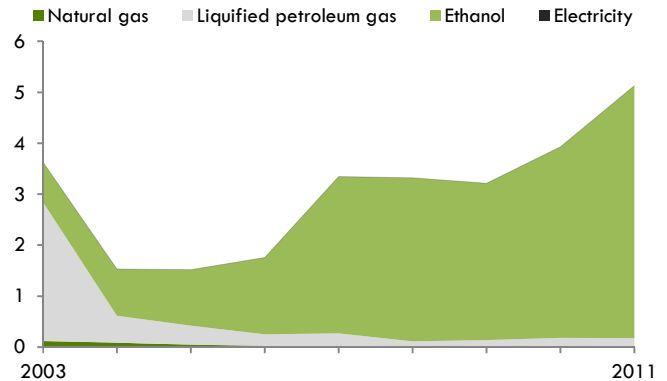
HIGHWAY FATALITIES



61.8% Driver
22.9% Passenger
9.4% Motorcyclist
4.1% Pedestrian
0.0% Pedalcyclist
1.8% Other

ALTERNATIVE FUEL VEHICLES IN USE

Thousands of vehicles, 2003-2011



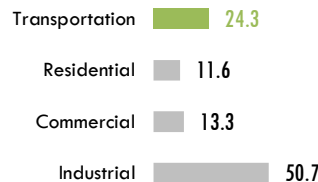
HIGHWAY FATALITY RATE

Fatalities per 100 million vehicle miles traveled, 2012



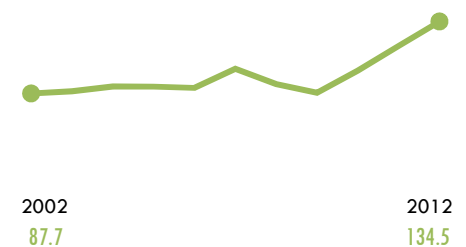
ENERGY USE BY SECTOR

Percentage of Btu consumed, 2012



TRANSPORTATION ENERGY USE

Trillion Btu consumed, 2002-2012



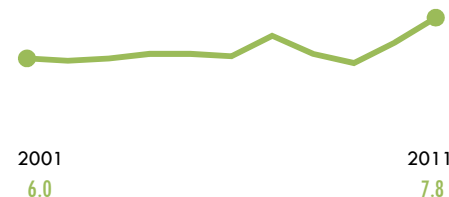
RAIL FATALITIES

10
2012

▲ 233.3%
2002-2012

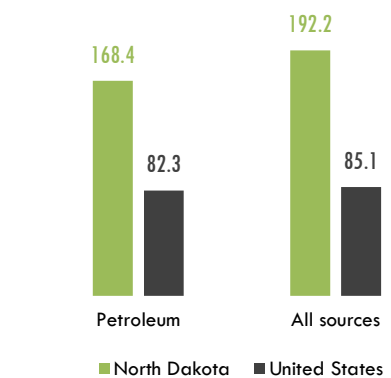
TRANSPORTATION EMISSIONS

Million metric tons of CO₂, 2001-2011



TRANSPORTATION ENERGY USE PER CAPITA

Million Btu per capita, 2012



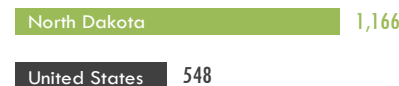
TRANSIT FATALITIES

0
2012

— 0.0%
2002-2012

MOTOR FUEL USE PER CAPITA

Gallons per capita, 2012



RECREATIONAL BOAT FATALITIES

1
2012

▼ -83.3%
2002-2012

SOURCES: **Infrastructure map, water ports, border ports**—U.S. Department of Transportation, Bureau of Transportation Statistics, *National Transportation Atlas Database 2014*. **Airports**—U.S. Department of Transportation, Federal Aviation Administration, *Administrator's Fact Book*. **Employment**—U.S. Census Bureau, County Business Patterns. **Passenger travel by trip purpose, average daily travel**—U.S. Department of Transportation, National Household Travel Survey. **Freight map and data**—U.S. Department of Transportation, Federal Highway Administration, Freight Analysis Framework. **State GDP**—U.S. Department of Commerce, Bureau of Economic Analysis. **Highway fatalities**—U.S. Department of Transportation, National Highway Traffic Safety Administration. **All other data**—As cited in U.S. Department of Transportation, *State Transportation Statistics 2014*, available at www.bts.gov.